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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/913,491

DATE: 08/30/2001
TIME: 07:49:52

Input Set : **A:\ES.txt**
Output Set: **N:\CRF3\08302001\I913491.raw**

ENTERED

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 3 <110> APPLICANT: GROMOLL, Jorg
 4        SIMONI, Manuela
 5        BEHRE, Herrmann M
 6        NIESCHLAG, Eberhard
 7        PEREZ, Maritza
 9 <120> TITLE OF INVENTION: Genetic Variants of the Human FSH Receptor and the
10        Influence Thereof on Gametogenesis
12 <130> FILE REFERENCE: 003235wo/JH/ml
14 <140> CURRENT APPLICATION NUMBER: US/09/913,491
15 <141> CURRENT FILING DATE: 2001-08-15
17 <160> NUMBER OF SEQ ID NOS: 19
19 <170> SOFTWARE: PatentIn Ver. 2.1
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C--> 14 (line)
C--> 15 (line)

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PATENT APPLICATION: US/09/913,491   TIME: 07:49:52

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223 agaggatttg acatgacgta cactgagttt gactatgact tatgcaatga agtggttgac 180
224 gtgacctgct cccctaagcc agatgcattc aacccatgtg aagatatcat ggggtacaac 240
225 atcctcagag tcctgatatg gtttatcagc atcctggcca tcactgggaa catcatagtg 300
226 ctagtgatcc taactaccag ccaatataaa ctcacagtcc ccaggttcct tatgtgcaac 360
227 ctggcctttg ctgatctctg cattggaatc tacctgctgc tcattgcatc agttgatatc 420
228 cataccaaga gccaatatca caactatgcc attgactggc aaactggggc aggctgtgat 480
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236 gcatggcacc catttctttc tttgccattt ctgcctccct caaggtgccc ctcatcactg 960
237 tgtccaaagc aaagattctg ctggttctgt ttcaccccat caactcctgt gccaacccct 1020
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239 gtggctgcta tgaaatgcaa gcccaaattt ataggacaga aacttcatcc actgtccaca 1140
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257                                                 Ser Glu Leu His
258                                                  1
260 cca att tgc aac aaa tct att tta agg caa gaa gtt gat tat atg act 163
261 Pro Ile Cys Asn Lys Ser Ile Leu Arg Gln Glu Val Asp Tyr Met Thr
262   5               10              15                  20
264 cag act agg ggt cag aga tcc tct ctg gca gaa gac aat gag tcc agc 211
265 Gln Thr Arg Gly Gln Arg Ser Ser Leu Ala Glu Asp Asn Glu Ser Ser
266                 25              30                  35
268 tac agc aga gga ttt gac atg acg tac act gag ttt gac tat gac tta 259
269 Tyr Ser Arg Gly Phe Asp Met Thr Tyr Thr Glu Phe Asp Tyr Asp Leu
270             40              45                  50
272 tgc aat gaa gtg gtt gac gtg acc tgc tcc cct aag cca gat gca ttc 307
273 Cys Asn Glu Val Val Asp Val Thr Cys Ser Pro Lys Pro Asp Ala Phe
274         55              60                  65
276 aac cca tgt gaa gat atc atg ggg tac aac atc ctc aga gtc ctg ata 355
277 Asn Pro Cys Glu Asp Ile Met Gly Tyr Asn Ile Leu Arg Val Leu Ile
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280 tgg ttt atc agc atc ctg gcc atc act ggg aac atc ata gtg cta gtg    403
281 Trp Phe Ile Ser Ile Leu Ala Ile Thr Gly Asn Ile Ile Val Leu Val
282  85                  90                  95                 100
284 atc cta act acc agc caa tat aaa ctc aca gtc ccc agg ttc ctt atg    451
285 Ile Leu Thr Thr Ser Gln Tyr Lys Leu Thr Val Pro Arg Phe Leu Met
286                 105                 110                 115
288 tgc aac ctg gcc ttt gct gat ctc tgc att gga atc tac ctg ctg ctc    499
289 Cys Asn Leu Ala Phe Ala Asp Leu Cys Ile Gly Ile Tyr Leu Leu Leu
290                 120                 125                 130
292 att gca tca gtt gat atc cat acc aag agc caa tat cac aac tat gcc    547
293 Ile Ala Ser Val Asp Ile His Thr Lys Ser Gln Tyr His Asn Tyr Ala
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296 att gac tgg caa act ggg gca ggc tgt gat gct gct ggc ttt ttc act    595
297 Ile Asp Trp Gln Thr Gly Ala Gly Cys Asp Ala Ala Gly Phe Phe Thr
298     150                 155                 160
300 gtc ttt gcc agt gag ctg tca gtc tac act ctg aca gct atc acc ttg    643
301 Val Phe Ala Ser Glu Leu Ser Val Tyr Thr Leu Thr Ala Ile Thr Leu
302 165                 170                 175                 180
304 gaa aga tgg cat acc atc acg cat gcc atg cag ctg gac tgc aag gtg    691
305 Glu Arg Trp His Thr Ile Thr His Ala Met Gln Leu Asp Cys Lys Val
306                 185                 190                 195
308 cag ctc cgc cat gct gcc agt gtc atg gtg atg ggc tgg att ttt gct    739
309 Gln Leu Arg His Ala Ala Ser Val Met Val Met Gly Trp Ile Phe Ala
310                 200                 205                 210
312 ttt gca gct gcc ctc ttt ccc atc ttt ggc atc agc agc tac atg aag    787
313 Phe Ala Ala Ala Leu Phe Pro Ile Phe Gly Ile Ser Ser Tyr Met Lys
314         215                 220                 225
316 gtg agc atc tgc ctg ccc atg gat att gac agc cct ttg tca cag ctg    835
317 Val Ser Ile Cys Leu Pro Met Asp Ile Asp Ser Pro Leu Ser Gln Leu
318     230                 235                 240
320 tat gtc atg tcc ctc ctt gtg ctc aat gtc ctg gcc ttt gtg gtc atc    883
321 Tyr Val Met Ser Leu Leu Val Leu Asn Val Leu Ala Phe Val Val Ile
322 245                 250                 255                 260
324 tgt ggc tgc tat atc cac atc tac ctc aca gtg cgg aac ccc aac atc    931
325 Cys Gly Cys Tyr Ile His Ile Tyr Leu Thr Val Arg Asn Pro Asn Ile
326                 265                 270                 275
328 gtg tcc tcc tct agt gac acc agg atc gcc aag cgc atg gcc atg ctc    979
329 Val Ser Ser Ser Ser Asp Thr Arg Ile Ala Lys Arg Met Ala Met Leu
330                 280                 285                 290
332 atc ttc act gac ttc ctc tgc atg gca ccc att tct ttc ttt gcc att   1027
333 Ile Phe Thr Asp Phe Leu Cys Met Ala Pro Ile Ser Phe Phe Ala Ile
334         295                 300                 305
336 tct gcc tcc ctc aag gtg ccc ctc atc act gtg tcc aaa gca aag att   1075
337 Ser Ala Ser Leu Lys Val Pro Leu Ile Thr Val Ser Lys Ala Lys Ile
338     310                 315                 320
340 ctg ctg gtt ctg ttt cac ccc atc aac tcc tgt gcc aac ccc ttc ctc   1123
341 Leu Leu Val Leu Phe His Pro Ile Asn Ser Cys Ala Asn Pro Phe Leu
342 325                 330                 335                 340
344 tat gcc atc ttt acc aaa aac ttt cgc aga gat ttc ttc att ctg ctg   1171
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VERIFICATION SUMMARY   DATE: 08/30/2001
PATENT APPLICATION: US/09/913,491   TIME: 07:49:54

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L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date